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20 February 2004

INTELLECTUAL PROPERTY LAW

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Mail Stop : Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Submitted herewith is the following patent application:

Attorney Docket: P57023

22858 U.S.P.T.O.
10/781748
022004

Inventor: 1) JONG-SANG OH
 2) BYUNG-GU CHOE
 3) YONG-SEOK PARK

Title: **DISTRIBUTED ROUTER WITH PING-PONG PREVENTING
FUNCTION AND PING-PONG PREVENTING METHOD USING
THE SAME**

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, formal drawings, original Declaration and Power of Attorney, Information Disclosure Statement, Claim of Priority with a certified foreign priority application and an Assignment identified below:

Verified Showing of Small Entity Status: NO
Drawings: Formal drawings, 9 sheets, Figures 1 through 8
Claim of priority under 35 U.S.C. §119: YES
** The Republic of Korea Application No. 2003- 10827 filed on 20 February 2003.

FEE (see formula below): CHECKS ARE ENCLOSED (#45341 and #45342)

Basic Fee \$385/770 \$770.00

Additional Fees:

Total number of claims in excess of 20: <u> </u> times \$9/18	\$0.00
Number of independent claims in excess of 3: <u> 1 </u> times \$43/86	\$86.00
Multiple Dependent Claims \$145/290	\$0.00
An Assignment is likewise enclosed: Recording Fee \$40	\$40.00
Filing Non-English specification	\$0.00
TOTAL FEES FOR THE ABOVE APPLICATION	\$896.00

Assistant Commissioner for Patents
Page Two

Docket No.: P57023

Inventor: **1) JONG-SANG OH
2) BYUNG-GU CHOE
3) YONG-SEOK PARK**

Title: **DISTRIBUTED ROUTER WITH PING-PONG PREVENTING
FUNCTION AND PING-PONG PREVENTING METHOD USING
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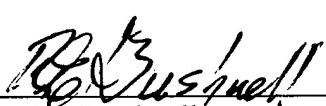
Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Respectfully submitted,



Robert E. Bushnell
(Registration No. 27,774)
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REB/rfc

13281

022004

PTO/SB/17 (08-00)

Approved for use through 9/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. FEE TRANSMITTAL

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)896.00

Complete If Known	
Application Number	<i>to be assigned</i>
Filing Date	20 February 2004
First Named Inventor	JONG-SANG OH
Examiner Name	<i>to be assigned</i>
Group/Art Unit	<i>to be assigned</i>

Attorney Docket No. P57023

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:Deposit Account Number: 02-4943

Deposit Account Number: _____

 Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. Applicant claims small entity status. See 37 CFR 1.272. Payment Enclosed:

(CHECK #45341 & #45342)

 Check Credit Card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	\$ 770.00
1002	340	2002	170	Design filing fee	\$
1003	530	2003	265	Plant filing fee	\$
1004	770	2004	385	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$

SUBTOTAL (1) (\$)770.00

2. EXTRA CLAIM FEES

		Extra Claims	Fee from below	Fee Paid
Total claims	10	-20** =	0 x 18.00	= 0.00
Independent Claims	4	- 3** =	1 x 86.00	= 86.00

Multiple Dependent =

** or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1201	86	2201	43	Independent claims in excess of 3
1202	18	2202	9	Claims in excess of 20
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue Independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)86.00

Large Entity	Small Entity	Fee Description	Fee Paid
1051	130	2051 65 Surcharge-late filing fee or oath	\$
1052	50	2052 25 Surcharge-late provisional filing fee or cover sheet	\$
1053	130	1053 130 Non-English specification	\$
1812	2,520	1812 2,520 For filing a request for reexamination	\$
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	\$
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	\$
1251	110	2251 55 Extension for reply within first month	\$
1252	420	2252 210 Extension for reply within second month	\$
1253	950	2253 475 Extension for reply within third month	\$
1254	1,480	2254 740 Extension for reply within fourth month	\$
1255	2,010	2255 1,005 Extension for reply within fifth month	\$
1401	330	2401 165 Notice of Appeal	\$
1402	330	2402 165 Filing a brief in support of an appeal	\$
1403	290	2403 145 Request for oral hearing	\$
1451	1,510	1451 1,510 Petition to institute a public use proceeding	\$
1452	110	2452 55 Petition to revive - unavoidable	\$
1453	1,330	2453 665 Petition to revive - unintentional	\$
1501	1,330	2501 665 Utility issue fee (or reissue)	\$
1502	480	2502 240 Design issue fee	\$
1503	640	2503 320 Plant issue fee	\$
1460	130	1460 130 Petitions to the Commissioner	\$
1807	50	1807 50 Processing fee for provisional applications	\$
1806	180	1806 180 Submission of Information Disclosure Statement	\$
8021	40	8021 40 Recording each patent assignment per property (Times number of properties)	\$ 40.00
1809	770	2809 385 Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
1810	770	2810 385 For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
1801	770	2801 385 Request for Continued Examination (RCE)	\$
Other Fee (specify) _____			
Other Fee (specify) _____			
** Reduced by Basic Filing Fee Paid			
SUBTOTAL (3)			\$40.00

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name

Robert E. Bushnell, Esq.

Reg. Number

27,774

Signature

Date

20 February 2004

Deposit Account User ID

REB/rfc

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